

WHAT IS CLAIMED IS:

1. A golf club shaft composed of a laminate of prepregs obtained by impregnating reinforcing fibers with a resin,

wherein prepregs each including a high-elasticity and  
5 high-strength reinforcing fiber having a high tensile modulus of elasticity not less than 300 GPa and a high tensile strength not less than 5000 MPa are disposed as a part of a straight layer in which said reinforcing fibers are parallel with an axial direction of said golf club shaft; and

10 a weight (g) of said golf club shaft per unit length (mm) is less than 0.0385g/mm.

2. The golf club shaft according to claim 1, wherein said high-elasticity and high-strength reinforcing fiber is a carbon fiber; and a ratio of a weight of said high-elasticity and  
15 high-strength reinforcing fiber to a weight of entire reinforcing fibers of said straight layer is not less than 50%.

3. The golf club shaft according to claim 1, wherein a T-point flexure strength is not less than 1600N in a test method to be carried out in accordance with a three-point flexure test of "Authorization  
20 standard of golf club shaft and standard confirmation method" (Admission 5 of the Ministry of International Trade and Industry, No.2087) provided by the Product Safety Association.

4. The golf club shaft according to claim 1, wherein a thick part is formed in a range from a tip of said golf club shaft to  
25 a position located in a range spaced at an interval of 70mm to 150mm

from said tip; a thickness of said thick part is set to not less than 1.4mm nor more than 2.8mm; and a thickness change rate of said thick part is set to less than 5/1000.

5        5. The golf club shaft according to claim 4, wherein a thickness transition part having a length not less than 50mm nor more than 150mm is formed adjacently to a butt of said thick part; and

              supposing that a thickness change rate of said thick part is T1 and a thickness change rate of said thickness transition part  
10    is T2, a relationship of  $3T1 \leq T2 \leq 2T1$  is established.

6. The golf club shaft according to claim 1, wherein at least one layer of a prepreg having said high-elasticity and high-strength reinforcing fiber is disposed over a whole length of said golf club shaft; and

15        a prepreg of a straight layer having a reinforcing fiber whose tensile modulus of elasticity is lower than that of said high-elasticity and high-strength reinforcing fiber and whose tensile strength is higher than that of said high-elasticity and high-strength reinforcing fiber is disposed as a reinforcing layer at  
20    a tip side of said golf club shaft.

7. The golf club shaft according to claim 1, wherein at least one layer of a prepreg having said high-elasticity and high-strength reinforcing fiber is disposed over a whole length of said golf club shaft; and

25        a prepreg of an angular layer having a reinforcing fiber whose

tensile modulus of elasticity is higher than that of said high-elasticity and high-strength reinforcing fiber is disposed at an inner side of said prepreg having said high-elasticity and high-strength reinforcing fiber: and/or

- 5           a prepreg of a hoop layer having a reinforcing fiber whose tensile strength is higher than that of said high-elasticity and high-strength reinforcing fiber is disposed at said inner side of said prepreg having said high-elasticity and high-strength reinforcing fiber.